

SUPERNOVAE AND THE DISCOVERY OF THE ACCELERATING UNIVERSE

DR. ADAM RIESS

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THURSDAY
APRIL 18, 2013
7:30 P.M.
CFA HALL

Reception and telescope viewing
at the Van Vleck Observatory
following the lecture

In 1929, Edwin Hubble discovered that our Universe is expanding. Eighty years later, the Space Telescope that bears his name is being used to study an even more surprising phenomenon: the expansion is speeding up. Dr. Riess will describe how his team discovered the acceleration of the Universe and why understanding the nature of the “dark energy” responsible for it is one of the greatest challenges in modern astrophysics.

Dr. Riess is a member of the National Academy of Sciences and a leader in the field of observational cosmology. In 2011, he was named a co-winner of the Nobel Prize in Physics.

